

<p>93-259193/33 B05 MILES INC 91.11.27 91US-799033 (93.05.28) A61K 31/16, 31/19, 31/60 Compsn. for dissolution in hot water for treating colds and influenza - contains an analgesic, an antihistamine, an antitussive, a decongestant, citric acid, bicarbonate and calcium carbonate C93-115104 Addnl. Data: PANDYA H B 92.11.27 92CA-2084028</p>	<p>MILE 91.11.27 *CA 2084028-A</p>	<p>B(4-A4, 5-A4, 7-D4C, 10-B3B, 10-C2, 10-C3, 10-C4B, 10-C4C, 10-D3, 12-D6, 12-K1, 12-K6, 12-M11B)</p>
<p>A hot flu compsn. comprises (as wt.%): a) 0.9-17% analgesic selected from acetaminophen, acetyl-salicylic acid, ketoprofen and ibuprofen; b) 0.07-0.14% antihistamine; c) 0.4-1.2% antitussive; d) 1-2% decongestant; e) 10-20% citric acid; f) 1.5-2.2% NaHCO<sub>3</sub> or KHCO<sub>3</sub>; g) 1.5-3% CaCO<sub>3</sub>; h) 2-4% flavours and sweeteners; i) 1.5-2.5% tablet lubricants; and j) further tableting aids.</p>	<p><u>USE/ADVANTAGE</u> The compsn. is an effervescent tablet for dissolution in hot water, without the conventional use of sugar and without</p>	<p>glycine. The bitter taste of e.g. acetaminophen is masked by CaCO<sub>3</sub>. <u>COMPOUNDS</u> The antihistamine is e.g. chlorpheniramine maleate, brompheniramine maleate or pyrilamine maleate. The antitussive is e.g. dextromethorphan hydrobromide, and the decongestant is phenylpropanolamine tartrate or bitartrate, phenylephrine bitartrate or pseudoephedrine sulphate or the corresp. HCl salts. Tableting aids include inert fillers or binders, partic. mannitol. Polyvinyl pyrrolidone, organopolysiloxane or dioctyl sodium sulphosuccinate surfactants may be included. <u>PREFERRED COMPOSITION</u> The compsn. comprises 11.0-17% acetaminophen; 0.07-0.14% antihistamine; 0.4-1% antitussive; 1-2% decongestant; 10-20% citric acid; 1.5-2.2% NaHCO<sub>3</sub>; 1.5-3% CaCO<sub>3</sub>; 2-4% flavours and sweeteners; 1.5-2.5% tablet lubricants; and further tableting aids. <u>EXAMPLE</u> A compsn. comprised: 17.86% acetaminophen, 10.71% CA2084028-A+</p>

citric acid, 1.79% NaHCO<sub>3</sub>, 1.79% CaCO<sub>3</sub>, 0.07% chlorpheniramine maleate, 1.07% pseudoephedrine hydrochloride, 0.54% dextromethorphan hydrobromide, 2.72% flavours and sweeteners, 1.88% lubricants (fumaric acid and magnesium stearate), and 59.58% tableting aids excluding CaCO<sub>3</sub> and lubricants. The resulting tablets dissolved in hot water in less than 60 secs., providing a soln. with palatable taste. (12pp2090AFDwgNo0/0).

CA2084028-A